



Access Control System

Door Controller

AC-ACNC32

32-Door Network Main Controller



Key Features:

- ▲ Rich product architecture allows for flexible implementation of access control for up to 32 doors by connecting AC-ACEM2 or AC-ACEM4 interface expansion panels through the CAN bus
- ▲ Through the CAN bus, it can achieve fire linkage for multiple devices
- ▲ Supports recording of up to 200,000 offline card swipes and door opening events
- ▲ Supports storage of complete access control and configuration database for up to 500,000 cardholders
- ▲ Can be connected to control I/O expansion panels to meet corresponding functional requirements
- ▲ Reports all activities to the host system; reports supervised inputs/alarms with 255 priority levels
- ▲ Provides comprehensive offline operation functionality, including executing all access control decisions and event logging, even without communication with the host access control software application
- ▲ Provides 4 Wiegand interfaces and 4 serial interfaces for connecting card readers, allowing for greater flexibility to support various types of card readers
- ▲ Allows for customization of 4-channel inputs, such as AC failure, battery failure, and tamper alarms

Specification:

Model	AC-ACNC32
Processor	Industrial-grade NXP i.MX6UL chip with Arm® Cortex®-A7 core, running at a speed of 696 MHz, 32-bit processor, 256M/512M memory and 4G/8G storage
Installation	Installed on any wall with four screws or mounted on a standard 35mm DIN rail
Dimensions	110mm (width) x 130mm (height) x 60mm (depth)
Weight	256 grams (net weight), 472 grams (gross weight)
Casing Material	Made of polycarbonate
Operating environment	Indoor, or inside a cabinet that complies with NEMA-4 standards
Operating environment temperature	-15°C to 60°C
Operating environment humidity	5% to 85% (non-condensing)
Communication Ports	10/100 Mbps Ethernet interface, CAN bus
Operating VDC/Current (max)	Power input: 9-15VDC/0.5A
Certificates	RoHS, EMC, CE, FCC





Ordering Information

Ordering model	Description
AC-ACNC2	2-door network controller, 2 electric locks, providing 2 Wiegand interfaces and 2 RS-485 interfaces to connect card readers
AC-ACNC4	4-door network controller, 4 electric locks, providing 4 Wiegand interfaces and 4 RS-485 interfaces to connect card readers
AC-ACNC32	32-door network main controller, capable of connecting to sixteen 2-door bus expansion modules (AC-ACEM2) or eight 4-door bus expansion modules (AC-ACEM4), controlling up to 32 doors. It has 32 Wiegand interfaces and 32 RS-485 interfaces to connect card readers
AC-ACNC2P	Enhanced 2-door network controller, 2 electric locks, providing 2 Wiegand interfaces and 2 RS-485 interfaces to connect card readers. It can also accommodate 4 input interface modules or 4 output interface modules, each with 64 ports, allowing for flexible implementation of scenarios such as access control or centralized alarm systems

Appearance & System Overview

